Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start		Rating **	Α	Issue No.	lo. 1			
LM End		Issue Type +	Ма	Location *	* LS			
Category Earthen Levee			GPS La	atitude	e/Longitude			
Calegory				Start		End		
Item	Operations & Maintenance				0		0	
item	Manuals				0		0	
DWR ID	DWR ID DWR_NA0009_01_s _ 2013_1							
		Comn	nent Cod	le				
		Inspecto	or Comm	nent				
The LMA h	nas the O8	M manuals.						

No Photos

LM Start		Rating **	Α	Issue No.		9	
LM End		Issue Type +	Ma	Location *		LS	
Category	Category Earthen Levee					le/Longitude	
Category				Start		End	
Item	Emergend		0		0		
пеш	Equipmer		0		0		
DWR ID	DWR_NA0	009_01_s _ 201	3_9				
		Comn	nent Cod	de			
	Inspector Comment						
The LMA h	The LMA has adequate flood fight supplies and equipment.						

No Photos

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Page 1 of 13

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start		Rating **	Α	Issue No.		10		
LM End		Issue Type +	Ма	Location *		LS		
Category	Earthen Levee GPS Latitude/Longitud					le/Longitude		
Calegory			Start		End			
Item	Flood Pre	paredness &	Training		0		0	
пеш					٥		0	
DWR ID	DWR_NA0	009_01_s _ 201	3_10					
		Comn	nent Cod	le				
			_					
		Inspecto	or Comm	ent				
The LMA of	completed	flood fight trai	ning in 2	016.				

No Photos

LM Start	0.26	Rating **	М	Issue No.		11		
LM End	0.26	Issue Type +	Ma	Location *		LS		
Category	Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End		
Item	Trim / Thi	n Trees		39.1867	77 °	39.186777°		
item				-122.9081	02 °	-122.908102 °		
DWR ID	DWR_NA0	009_01_s _ 201	3_11					
Comment Code								
T3 · Trim a	and thin tre	es to allow vis	sibility of	the around	and	room to		

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



View of the overgrown trees at the landside slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.26	Rating **	A/W	Issue No.	537	
LM End	2.26	Issue Type +	Ма	Location *	LS	
Category	Suppleme	ental		GPS Latitude/Longitude		
Calegory				Start		End
Item	DWR UC	IP LMA Respo	nsibility	39.16032	27°	39.160327°
пеш				-122.91399	8°	-122.913998°
DWR ID						
		Comn	nent Cod	le		

Inspector Comment

FS_ID:26987 DS_ID:21240 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 2 of 2: 36-inch CM drainpipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally listed in 1961 O+M manual. Pipes retained through levee under ABO No. 11460 (1975). FS Date: 1/14/2014

 LM Start
 2.26
 Rating **
 A/W
 Issue No.
 537 (cont)

 LM End
 2.26
 Issue Type +
 Ma
 Location *
 LS



Pipe and Concrete headwall visible on LS toe.

Photo 2 of 3: UCIP_SP_2017_26987_49852.jpg



Pipe and Concrete headwall visible on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.26	Rating **	A/W	Issue No.	537 (cont)			
LM End	2.26	Issue Type +	Ма	Location *	LS			
Category	Suppleme	ental		GPS Latitude/Longitude				
Calegory				Start		End		
Item	DWR UC	P LMA Respo	onsibility	39.16032	27°	39.160327°		
пеш				-122.91399	98°	-122.913998 °		
DWR ID								
	Comment Code							

Inspector Comment

FS_ID:26987 DS ID:21240 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 2 of 2: 36-inch CM drainpipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally listed in 1961 O+M manual. Pipes retained through levee under ABO No. 11460 (1975).

FS Date: 1/14/2014



Pipe, Concrete headwall, and flap gate visible on WS berm.

LM Start	2.26	Rating **	A/W	Issue No.		538	
LM End	2.26	Issue Type +	Ма	Location *		LS	
Category	Suppleme	upplemental			GPS Latitude/Longitude		
Calegory						End	
Item	DWR UCI	P LMA Respo	onsibility	39.1602	72 °	39.160272°	
iteiii					66 °	-122.913966 °	
DWR ID							

Comment Code

Inspector Comment

FS_ID:26986 DS_ID:21197 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments:

FIELD_STRUCT_DESC: 1 of 2: 36-inch CM drainpipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Originally listed in 1961 O+M manual. Pipes retained through levee under ABO No. 11460 (1975).

FS Date: 1/9/2014

Photo 1 of 3: UCIP_SP_2017_26986_49849.jpg



Concrete headwall and pipe visible on LS toe at end of drainage swale.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.26 Rating ** A/W Issue No. 538 (cc				538 (cont)	
LM End	2.26	Issue Type +	Ma	Location *		LS
Category	Suppleme	ental		GPS Latitude/Longitude		
Calegory				Start		End
Item	DWR UCI	IP LMA Respo	onsibility	39.1602	72 °	39.160272 °
пеш				-122.9139	66 °	-122.913966 °
DWR ID						
	Comment Code					

Inspector Comment

FS_ID:26986 DS_ID:21197 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

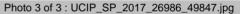
FIELD_STRUCT_DESC: 1 of 2: 36-inch CM drainpipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Originally listed in 1961 O+M manual. Pipes retained through levee under ABO No. 11460 (1975). FS Date: 1/9/2014

 LM Start
 2.26
 Rating **
 A/W
 Issue No.
 538 (cont)

 LM End
 2.26
 Issue Type +
 Ma
 Location *
 LS



Concrete headwall and pipe visible on LS toe.





Concrete headwall and pipe visible on WS berm.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy

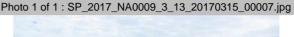
Ob : Design & System Obsolescence
En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.29	Rating **	М	Issue No.	13		
LM End	2.29	Issue Type +	Ma	Location *		WS	
Catagony	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory	Category					End	
Item	Slope Stability			39.1602	85°	39.160285 °	
пеш				-122.9134	81 °	-122.913481 °	
DWR ID	DWR_NA0	009_01_s _ 201	3_13				
		Comn	nent Cod	le			
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.							
Inspector Comment							





View of the vehicle erosion along the waterside slope.

LM Start	2.35	Rating **	М	Issue No.		539
LM End	2.35	Issue Type +	Ма	Location *		WS
Category	Suppleme	GPS Latitude/Longitude				
Calegory				Start		End
Item	DWR UCI	P LMA Respo	nsibility	39.1610	02 °	39.161002°
пеш				-122.9128	43 °	-122.912843°
DWR ID						

Comment Code

Inspector Comment

FS_ID:27004 DS_ID:21199 EP_NO: 11460 Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Heavy vegetation on LS at inlet should be removed. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 10.0 feet below the crown. Flap gate on waterward end. Concrete headwall on both ends. Originally included in 1961 O+M manual. Pipe retained

under ABO No. 11460 (1975).

FS Date: 1/14/2014

Photo 1 of 3: UCIP_SP_2017_27004_49862.jpg



Heavy vegetation at inlet on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.35 Rating ** M			Issue No.	539 (cont)	
LM End	2.35	Issue Type +	Ма	Location *	WS	
Category	Suppleme	ental	GPS Latitude/Longitude			
Calegory				Start		End
Item	DWR UC	IP LMA Respo	nsibility	39.16100)2 °	39.161002 °
пеш				-122.91284	ı3°	-122.912843 °
DWR ID						
	Comment Code					

Inspector Comment

FS_ID:27004 DS_ID:21199 EP_NO: 11460

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Heavy vegetation on LS at inlet should be removed. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 10.0 feet below the crown. Flap gate on waterward end. Concrete headwall on both ends. Originally included in 1961 O+M manual. Pipe retained under ABO No. 11460 (1975).

FS Date: 1/14/2014

LM Start	2.35	Rating **	М	Issue No.	539 (cont)
LM End	2.35	Issue Type +	Ma	Location *	WS



Concrete U-shaped headwall on WS berm.

Photo 3 of 3: UCIP_SP_2017_27004_49860.jpg



Concrete U-shaped headwall and flap gate on WS berm.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.36	Rating **	М	Issue No.		14
LM End	2.36	Issue Type +	Ma	Location *		WS
Category	.evee	GPS La	atitud	e/Longitude		
Calegory	itegory					End
Item	Slope Stability			39.1611	53°	39.161153°
пеш				-122.9127	'40 °	-122.912740°
DWR ID	DWR_NA0	009_01_s _ 201	3_14			
		Comn	nent Cod	de		
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.						
Inspector Comment						



View of the vehicle erosion along the waterside slope.

LM Start	2.38	Rating **	М	Issue No.		15
LM End	2.41	Issue Type +	Ma	Location *		LS
Category	evee	GPS Latitude/Longitude				
Calegory				Start		End
Item	Trim / Thi	n Trees		39.1613	81 °	39.161708°
-122.912551 ° -122.912168 °						
DWR ID DWR_NA0009_01_s _ 2013_15						

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Photo 1 of 1	: SP_2017 ₋	_NA0009_	3_15_2017	0315_000	109.jpg
		*			
	- T	4.6	4		-
		my farm	(1)		
			1600 · ·	- 1	
		17.4			
一种					
				05 100 1001	
				05/08/2013	
	A COLOR				

Trim the trees up 5 feet to allow visibility.

Photo 1 of 1: SP_2017_NA0009_3_23_20170315_00013.jpg

LM Start	2.38	Rating **	М	Issue No.		23
LM End	2.41	Issue Type +	Ма	Location *		LS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory				Start		End
Item	Vegetatio	n		39.1614	15 °	39.161722°
пеш				-122.9124	93 °	-122.912153 °
DWR ID	DWR ID DWR_NA0009_01_f _ 2015_23					

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the vegetation from the landside slope and toe.



View of the vegetation along the landside slope & toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.40	Rating **	М	Issue No.		16		
LM End	2.40	Issue Type +	Ma	Location *		WS		
Category	Earthen L	evee		GPS La	titud	e/Longitude		
Calegory				Start		End		
Item	Slope Stability			39.1616	01 °	39.161601°		
item					03 °	-122.912303 °		
DWR ID	DWR_NA0	009_01_s _ 201	3_16					
		Comn	nent Cod	le				
S3 : Repai access wh		slope damaç le.	ed by ve	hicle traffic	and	prevent		
Inspector Comment								



View of the vehicle erosion along the waterside slope.

LM Start	2.42	Rating **	М	Issue No.		17	
LM End	2.42	Issue Type +	Ма	Location *		LS	
Catagony	GPS Latitude/Longitude						
Category				Start		End	
Item	Slope Stability			39.1618	02°	39.161802	0
iteiii				-122.9120	20°	-122.912020	0
DWR ID	DWR ID DWR_NA0009_01_s _ 2013_17						

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment



View of the erosion caused by vehicle along the landside slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.48	Rating **	U	Issue No.		3	
LM End	2.55	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		39.1616	15°	39.160804°	
пеш				-122.911733 °		-122.912536 °	
DWR ID DWR_NA0009_01_s _ 2012_3							
		Comn	nent Cod	le			
V2 : Remo slopes.	ve the wild	d growth other	than na	tive grasses	s fro	m the levee	
		Inspecto	or Comm	nent			

Ma

2.48

2.55

LM Start

LM End

Rating **

Issue Type +

Photo 1 of 2 : SP_2017_NA0009_3_3_20170315_00001.jpg
#
To be the second
11/08/2019

View of the vegetation along the landside slope.

3 (cont)

LS

Location *

Photo 2 of 2: SP_2017_NA0009_3_3_20170315_00002.jpg



View of the vegetation along the landside slope.

LM Start	2.60	Rating **	М	Issue No.		22	
LM End	2.65	Issue Type +	Ma	Location *		WS	
Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Trim / Thi	n Trees		39.1601	90°	39.159523	٥
item				-122.9130	39°	-122.913402	٥
DWR ID	DWR_NA0	009_01_f _ 201	6_22				
Comment Code							
-122.913039 -122.913 DWR ID DWR_NA0009_01_f _ 2016_22							3402

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.66	Rating **	М	Issue No.		6			
LM End	2.81	Issue Type +	Ma	Location *		LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Calegory				Start		End			
Item	Vegetatio	n		39.1593	04°	39.157252 °			
пеш				-122.913422 °		-122.913993 °			
DWR ID	DWR_NA0	009_01_s _ 201	2_6						
		Comn	nent Cod	le					
V2 : Remo	ve the wild	growth other	than na	tive grasse	s fro	m the levee			
		Inspecto	or Comm	nent					

No Photos

LM Start	2.95	Rating **	М	Issue No.		25	
LM End	2.95	Issue Type +	Ма	Location *		LS	
Catagori Earthen Levee				GPS Latitude/Longitude			
Category						End	
Item	Trim / Thi	n Trees		39.1553	01°	39.155301°	
item				-122.9146	33 °	-122.914633 °	
DWR ID DWR_NA0009_01_s _ 2016_25							
Comment Code							

T1 : Trim trees to at least five feet above ground level.

Inspector Comment



Trim trees to 5' above levee slope (LS). 4/19/2016

LM Start	2.97	Rating **	M	Issue No.		12		
LM End	2.97	Issue Type +	Ma	Location *		LS		
Category	Earthen L	Levee GPS Latitu		arthen Levee		atitud	e/Longitude	
Calegory		Start			End			
Item	Trim / Thi	n Trees		39.1548	89°	39.154889	0	
item				-122.9147	16°	-122.914716	0	
DWR ID	DWR_NA0	009_01_f _ 201	6_12					
		0		1.				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

NA0009

Flood Control Project Maintenance Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	3.10	Rating **	М	Issue No.		32			
LM End	3.10	Issue Type +	Ма	Location *		LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Calegory				Start		End			
Item	Trim / Thi	n Trees		39.1531	44 °	39.153144°			
пеш				-122.914538 °		-122.914538°			
DWR ID	DWR_NA0	009_01_s _ 201	6_32						
		Comn	nent Cod	le					
T2 : Thin to	rees to allo	ow visibility of	the grou	nd and roo	m to	flood fight.			
		Inspecto	or Comm	nent					

No Photos

LM Start	3.26	Rating **	М	Issue No.		534				
LM End	3.26	Issue Type +	Ma	Location *		Location *		Location *		LS
Category Earthen Levee				GPS Latitude/Longitude						
Calegory				Start		End				
Item	Trim / Thi	n Trees		39.1509	57°	39.150957°				
iteiii				-122.913504°		° -122.913504°				
DWR ID DWR_NA0009_01_s _ 2015_534										

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



Remove the trees from the landside toe.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/04/2017 04/04/2017	Bob Duffey

LM Start	3.28	Rating **	М	Issue No.		19			
LM End	3.28	Issue Type +	Ma	Location *		LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Calegory				Start		End			
Item	Trim / Thi	n Trees		39.1506	73°	39.150673°			
пеш				-122.913355 °		-122.913355 °			
DWR ID DWR_NA0009_01_f _ 2016_19									
		Comn	nent Cod	le					
T2: Thin t	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.			
		Inspecto	or Comm	nent					

No Photos

LM Start	3.30	Rating **	М	Issue No.		20	
LM End	3.30	Issue Type +	Ma	Location *	LS		
Category	evee	GPS Latitude/Longitude					
Calegory	Category					End	
Item	Trim / Thin Trees				25 °	39.150325 °	
пеш				-122.91310	61 °	-122.913161 °	
DWR ID	DWR_NA0	009_01_f _ 2010	6_20				
	Comment Code						
T2 : Thin to	T2 : Thin trees to allow visibility of the ground and room to flood fight.						

No Photos

Inspector Comment

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.02	Rating **	М	Issue No.		4		
LM End	0.14	Issue Type +	Ма	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory				Start		End		
Item	Trim / Thi	n Trees		39.1895	40°	39.187900°		
пеш				-122.9080	65 °	-122.908655 °		
DWR ID	DWR_NA0	009_02_s _ 201	3_4					
		Comn	nent Cod	le				
T1: Trim t	rees to at l	east five feet	above g	round level.				
		Inspecto	or Comm	nent				
Trim the tr	Trim the trees up 5 feet to allow visibility.							



View of the overgrown trees at the landside toe.

LM Start	0.08	Rating **	М	Issue No.		19			
LM End	0.08	Issue Type +	Ма	Location *	LS				
Category	Earthen L	evee	e		GPS Latitude/Longitude				
Calegory				Start		End			
Item	Vegetation 39.188772 ° 39.18								
						-122.908465 °			
DWR ID DWR_NA0009_02_s _ 2014_19									
		Comn	nent Cod	le					
V4 : Elderk	perries are	blocking visib	ility and	flood fight	сара	ability.			
			_						
		Inspecto	or Comm	ent					



View of the elderberries along the landside toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.14	Rating **	A/W	Issue No.		32	
LM End	0.14	Issue Type +	Ма	Location *		LS	
Category	Supplemental			GPS Latitude/Longitude			
Calegory			Start		End		
Item	DWR UCI	P LMA Respo	nsibility	39.18791	9 °	39.187919	0
пеш				-122.90863	1°	-122.908631	0
DWR ID							

Comment Code

Inspector Comment

FS_ID:27066 DS_ID:21201 EP_NO: 11485

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 8.5 feet below the crown. Flap gate on the waterward side. Concrete headwalls on both ends. Originally included in 1961 O+M manual. This pipe was retained under ABO No. 11485 (1975).

FS Date: 1/14/2014

LM Start	0.14	Rating **	A/W	Issue No.	32 (cont)
LM End	0.14	Issue Type +	Ma	Location *	LS



Pipe and headwall visible at LS toe in drainage swale.

Photo 2 of 3: UCIP_SP_2017_27066_50048.jpg



Pipe and headwall visible at LS toe in drainage swale.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.14	Rating **	A/W	Issue No.	32 (cont)		
LM End	0.14	Issue Type +	Ма	Location *	LS		
Category	Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UC	IP LMA Respo	nsibility	39.18791	19°	39.187919°	
item				-122.90863	31 °	-122.908631 °	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:27066 DS_ID:21201 EP_NO: 11485

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 8.5 feet below the crown. Flap gate on the waterward side. Concrete headwalls on both ends. Originally included in 1961 O+M manual. This pipe was retained under ABO No. 11485 (1975).

FS Date: 1/14/2014



Pipe with some sediment at flowline.

LM Start	0.24	Rating **	A/W	Issue No.		33
LM End	0.24	Issue Type +	Ma	Location *		LS
Category	Supplemental			GPS Latitude/Longitude		
Calegory				Start		End
Item	DWR UC	IP LMA Respo	onsibility	39.1867	94°	39.186794°
пеш				-122.9094	13 °	-122.909413 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:27184 DS_ID:21204 EP_NO: 11484

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments:

FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 6 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in 1961 O+M manual. This pipe was retained under ABO No. 11484 (1975).

FS Date: 1/14/2014

Photo 1 of 3: UCIP_SP_2017_27184_50322.jpg



Concrete headwall and pipe on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.24	Rating **	A/W	Issue No.		33 (cont)	
LM End	0.24	Issue Type +	Ма	Location *		LS	
Category	Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UCI	P LMA Respo	nsibility	39.1867	94°	39.186794°	
item				-122.9094	13 °	-122.909413 °	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:27184 DS_ID:21204 EP_NO: 11484

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

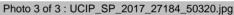
FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 6 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in 1961 O+M manual. This pipe was retained under ABO No. 11484 (1975).

FS Date: 1/14/2014

LM Start	0.24	Rating **	A/W	Issue No.	33 (cont)
LM End	0.24	Issue Type +	Ma	Location *	LS



Pipe at inlet.





Flapgate and concrete headwall on WS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.24	Rating **	М	Issue No.		9	
LM End	0.27	Issue Type +	Ma	Location *	LS		
Category	evee	GPS La	atitud	le/Longitude			
Calegory				Start		End	
Item	Trim / Thi	n Trees		39.1867	'39 °	39.186389°	
item				-122.9094	36°	° -122.909821	
DWR ID DWR_NA0009_02_s _ 2013_9							
		Comn	nent Cod	de			
T1 : Trim t	rees to at	least five feet	above g	round level			
		Inspecto	or Comm	nent			



View of the overgrown trees and vegetation at the landside toe.

LM Start	0.38	Rating **	M	Issue No.		17	
LM End	0.38	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS La	atitud	e/Longitude	
Calegory			Start		End		
Item	Encroach	ments		39.1852	39°	39.185239°	
пеш		-122.911018 °					
DWR ID DWR_NA0009_02_f _ 2016_17							
		Comn	nent Cod	le			
PR : Pruni	ngs						
		Inspecto	or Comm	nent			



View of the prunings along the landside toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.39	39 Rating ** A/W		Issue No.		34
LM End	0.39	Issue Type +	Ма	Location *		LS
Category Supplemental			GPS Latitude/Longitude			
Calegory						End
Item	DWR UCI	IP LMA Respo	nsibility	39.18517	74 °	39.185174°
item					71 °	-122.911171 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:27192 DS_ID:21206 EP_NO: 11478

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 7.7 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Grouted spillway over revetment on bank. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.38). This pipe was retained under ABO No. 11478 (1975).

FS Date: 1/14/2014

LM Start	0.39	Rating **	A/W	Issue No.	34 (cont)
LM End	0.39	Issue Type +	Ma	Location *	LS



Pipe and concrete headwall at LS toe.

Photo 2 of 3: UCIP_SP_2017_27192_50325.jpg



Flapgate and headwall off WS toe at berms edge.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.39	Rating ** A/W		Issue No.		34 (cont)		
LM End	0.39	Issue Type +	Ма	Location *		Ma Location *		LS
Category	Supplemental			GPS Latitude/Longitude				
Calegory			Start		End			
Item	DWR UCI	R UCIP LMA Responsibility			74°	39.185174°		
пеш				-122.9111	71 °	-122.911171 °		
DWR ID								

Comment Code

Inspector Comment

FS_ID:27192 DS_ID:21206 EP_NO: 11478

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 7.7 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Grouted spillway over revetment on bank. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.38). This pipe was retained under ABO No. 11478 (1975).

FS Date: 1/14/2014



Pipe and concrete headwall at LS toe.

LM Start	0.48	Rating **	A/W	Issue No.		35			
LM End	0.48	Issue Type +	Ма	Location *	LS				
Category				GPS Latitude/Longitude					
Category				Start		End			
Item	DWR UC	IP LMA Respo	onsibility	39.18412	26°	39.184126°			
пеш				-122.9121	18 °	-122.912118 °			
DWR ID									
Comment Code									

Inspector Comment

FS_ID:27199 DS_ID:21208 EP_NO: 11480

Repair Type: No Action Needed

Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 7.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.47).

This pipe was retained under ABO No. 11480 (1975).

FS Date: 1/14/2014

Photo 1 of 3: UCIP_SP_2017_27199_50389.jpg



Concrete headwall on LS toe

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.48	0.48 Rating ** A/W		Issue No.		35 (cont)	
LM End	0.48	Issue Type +	sue Type + Ma L			LS	
Category	Supplemental			GPS Latitude/Longitude			
Calegory	tegory			Start		End	
Item	DWR UCI	IP LMA Respo	onsibility	39.18412	6°	39.184126°	
item		-122.91211	8 °	-122.912118 °			
DWR ID							

Comment Code

Inspector Comment

FS_ID:27199 DS ID:21208 EP_NO: 11480

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 7.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.47). This pipe was retained under ABO No. 11480 (1975).

FS Date: 1/14/2014

LM Start	0.48	Rating **	A/W	Issue No.	35 (cont)
LM End	0.48	Issue Type +	Ma	Location *	LS

Photo 2 of 3: UCIP_SP_2017_27199_50388.jpg



Pipe and concrete headwall on LS toe.

Photo 3 of 3: UCIP_SP_2017_27199_50387.jpg



Concrete headwall and flapgate visible on waterside berm

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.49	Rating **	М	Issue No.		20		
LM End	0.51	Issue Type +	Ma	Location *	LS			
Category Earthen Levee			GPS Latitude/Longitude					
Calegory			Start		End			
Item	Trim / Thi	n Trees		39.18400)1 °	39.183676°		
пеш				-122.91213	39°	-122.912179°		
DWR ID	DWR ID DWR_NA0009_02_s _ 2016_20							
Comment Code								
T2 · Thin t	roos to alla	w vicibility of	the grou	nd and room	n to	flood fight		

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Remove large downed pine tree branch on LS toe.



View of the fallen tree branch on landside slope and toe.

LM Start	0.55	Rating **	М	Issue No.		38
LM End	0.55	Issue Type +	Ma	Location *		LS
Category	Supplemental			GPS Latitude/Longitude		
Calegory				Start		End
Item	DWR UC	IP LMA Respo	onsibility	39.1831	30°	39.183130°
item			-122.9121	98 °	-122.912198°	
DWR ID						

Comment Code

Inspector Comment

FS_ID:27208 DS_ID:21210 EP_NO: 11482 Repair Type: Non-Urgent

Crossing Status: Found
LICIP Comments: Fence on LS sl

UCIP Comments: Fence on LS slope creates access issue. FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.54). This pipe was retained under ABO No. 11482 (1975).

FS Date: 1/14/2014

Photo 1 of 3: UCIP_SP_2017_27208_50411.jpg



Concrete headwall on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

0.55	Rating **	М	Issue No.		38 (cont)			
0.55	Issue Type +	Ма	Location *		LS			
Supplemental				GPS Latitude/Longitude				
			Start		End			
DWR UCI	P LMA Respo	nsibility	39.18313	°	39.183130			
		-122.91219	3°	-122.912198				
	0.55 Suppleme	0.55 Issue Type + Supplemental	0.55 Issue Type + Ma	0.55 Issue Type + Ma Location * Supplemental GPS Lati Start DWR UCIP LMA Responsibility 39.183130	0.55 Issue Type + Ma Location * Supplemental GPS Latitud Start			

Comment Code

Inspector Comment

FS_ID:27208 DS ID:21210 EP_NO: 11482

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Fence on LS slope creates access issue. FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.54). This pipe was retained under ABO No. 11482 (1975).

FS Date: 1/14/2014

LM Start	0.55	Rating **	М	Issue No.	38 (cont)
LM End	0.55	Issue Type +	Ma	Location *	LS

Photo 2 of 3: UCIP_SP_2017_27208_50410.jpg



Flapgate and concrete headwall on WS berm.

Photo 3 of 3: UCIP_SP_2017_27208_50409.jpg



Flapgate and concrete headwall on WS berm.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.97	Rating **	М	Issue No.		7	
LM End	0.98	Issue Type +	Ma	Location *	LS		
Earthen Levee				GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetatio	n		39.1772	18°	39.176992°	
пеш		-122.913673 ° -122.91364					
DWR ID	DWR_NA0	009_02_s _ 201	2_7				
		Comn	nent Cod	le			
V2 : Remo slopes.	ve the wild	d growth other	than na	tive grasses	s fro	m the levee	
		Inspecto	or Comm	nent			



View of the vegetation at the landside toe.

LM Start	0.99	Rating **	М	Issue No.		3			
LM End	0.99	Issue Type +	Ма	Location *	WS				
Category Earthen Levee				GPS La	atitud	e/Longitude			
				Start		End			
Item	Encroachments				35°	39.176835°			
item				-122.913558 °		-122.913558 °			
DWR ID	DWR_NA0	009_02_s _ 201	2_3						
		Comn	nent Cod	le					
TR : Tree	or limb								
Inspector Comment									



View of the tree prunings on the W/S toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.03	1.03 Rating ** A/W		Issue No.		39		
LM End	1.03	Issue Type +	Ма	Location *		WS		
Category	Supplemental			GPS Latitude/Longitude				
Calegory	gory					End		
Item	DWR UC	IP LMA Respo	onsibility	39.17636	66°	39.176366 °		
пеш					9°	-122.913509°		
DWR ID								

Comment Code

Inspector Comment

FS_ID:27583 DS_ID:21211 EP_NO: 11486

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 7.3 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Splash apron broken off on the waterward end. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.21). This pipe was retained under ABO No. 11486 (1975). USACE O&M DWG No. CC-4-4-29.

FS Date: 1/22/2014

LM Start	1.03	Rating **	A/W	Issue No.	39 (cont)
LM End	1.03	Issue Type +	Ma	Location *	WS



Pipe visible at concrete inlet on LS toe.

Photo 2 of 3: UCIP_SP_2017_27583_51201.jpg



Pipe as visible from LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.03	Rating **	A/W	Issue No.	39 (cont)			
LM End	1.03	Issue Type +	Ма	Location *	WS			
Category	Supplemental				GPS Latitude/Longitude			
Calegory						End		
Item	DWR UCI	P LMA Respo	nsibility	39.17636	6°	39.176366		
пеш			-122.91350	9°	-122.913509			
DWR ID								

Comment Code

Inspector Comment

FS_ID:27583 DS_ID:21211 EP_NO: 11486

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 7.3 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Splash apron broken off on the waterward end. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.21). This pipe was retained under ABO No. 11486 (1975). USACE O&M DWG No. CC-4-4-29.

FS Date: 1/22/2014



Pipe visible on LS toe.

LM Start	1.16	Rating **	М	Issue No.		40
LM End	1.16	Issue Type +	Ма	Location *		WS
Category	Supplemental			GPS Latitude/Longitude		
Category	egory					End
Item	DWR UCI	IP LMA Respo	onsibility	39.1743	70°	39.174370°
item				-122.9135	43 °	-122.913543 °
DWR ID						·

Comment Code

Inspector Comment

FS_ID:42994 DS_ID:21212 EP_NO: 11483 Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: Pipe appears abandoned and if so, should be done so properly. Debris blocking flapgate at outlet.

FIELD_STRUCT_DESC: *ABANDONED* 30-inch CM drainpipe through the levee, 17.8 feet below the crown. Slide gate in 44-inch diameter CMP riser waterward slope. Flap gate on the waterward end at concrete headwall. 6'X8' concrete sump at landward toe. (USACE-1961). Originally included in O&M manual (HLM 1.22). This pipe was retained under ABO No. 11483 (1975).

FS Date: 1/22/2014

Photo 1 of 3: UCIP_SP_2017_42994_51214.jpg



Slide gate in 44-inch CMP riser on WS shoulder.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.16	Rating **	М	Issue No.		40 (cont)	
LM End	1.16	Issue Type +	Ма	Location *		WS	
Catagony	Category Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UCIP LMA Responsibility			39.17437	0 °	39.174370 °	
item	item		-122.91354	3°	-122.913543 °		
DWR ID							

Comment Code

Inspector Comment

FS_ID:42994 DS ID:21212 EP_NO: 11483

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe appears abandoned and if so, should be done

so properly. Debris blocking flapgate at outlet.

FIELD STRUCT DESC: *ABANDONED* 30-inch CM drainpipe through the levee, 17.8 feet below the crown. Slide gate in 44-inch diameter CMP riser waterward slope. Flap gate on the waterward end at concrete headwall. 6'X8' concrete sump at landward toe. (USACE-1961). Originally included in O&M manual (HLM 1.22). This pipe was retained under ABO No. 11483 (1975).

FS Date: 1/22/2014

LM Start	1.16	Rating **	М	Issue No.	40 (cont)
LM End	1.16	Issue Type +	Ma	Location *	WS

Photo 2 of 3: UCIP_SP_2017_42994_51213.jpg



6'X8' concrete sump filled in with soil, visible at LS toe.

Photo 3 of 3: UCIP_SP_2017_42994_51215.jpg



Flapgate and concrete headwall visible off WS berm.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.92	Rating **	М	Issue No.		18
LM End	1.92	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Trim / Thi	n Trees		39.1639	12°	39.163912°
item				-122.916695 °		-122.916695 °
DWR ID DWR_NA0009_02_s _ 2016_18						
		Comn	nent Cod	le		
T1 : Trim t	rees to at	least five feet	above g	round level.		
Inspector Comment						
Trim willow trees.						

Photo 1 of 1:	SP_2017_NA000	09_4_18_20170315	_00009.jpg
		In Wa	
		MAS	
			2000 2000
本 。在			

View of the overgrown willow trees at the landside levee slope.

Photo 1 of 1: SP_2017_NA0009_4_31_20170410_00050.jpg

LM Start	2.70	Rating **	Α	Issue No.		31	
LM End	2.70	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory	Category			Start		End	
ltem Vegetation			39.153202°		39.153202°		
				-122.915672 °		-122.915672 °	
DWR ID DWR_NA0009_02_s _ 2017_31							
Comment Code							
V1 : Contro	V1 : Control annual grass and weeds on the levee slopes and						

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

There are native grasses on both slopes.

A STATE OF THE STA
04/04/2017

View of the native grasses on both slopes.

LM Start	2.76	Rating **	М	Issue No.		22		
LM End	2.76	Issue Type +	Ma	Location *		LS		
Category Earthen Levee			GPS Latitude/Longitude					
			Start		End			
Trim / Thin Trees			39.15232	2 °	39.152322°			
пеш				-122.91538	0 °	-122.915380°		
DWR ID DWR_NA0009_02_s _ 2016_22								
	Comment Code							

Comment Cod

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.84	Rating **	М	Issue No.		45	
LM End	2.84	Issue Type +	Ma	Location *		LS	
Catagony	Category Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UCIP LMA Responsibility			39.15125	57°	39.151257°	
пеш				-122.91490)8 °	-122.914908 °	
DWR ID							

Comment Code

Inspector Comment

FS_ID:27630 DS_ID:21215 EP_NO: 11481

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Soil partially blocking inlet and outlet. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93). This pipe was retained under ABO No. 11481 (1975).

FS Date: 1/22/2014

LM Start	2.84	Rating **	М	Issue No.	45 (cont)
LM End	2.84	Issue Type +	Ma	Location *	LS

Photo 1 of 3: UCIP_SP_2017_27630_51283.jpg



Concrete headwall and pipe visible at LS toe.

Photo 2 of 3: UCIP_SP_2017_27630_51282.jpg



Concrete headwall and flapgate visible at WS berm.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/04/2017 04/04/2017	Bob Duffey

LM Start	2.84	Rating **	М	Issue No.		45 (cont)		
LM End	2.84	Issue Type +	Ма	Location *		LS		
Category	Supplemental			GPS La	le/Longitude			
Calegory	Category					End		
Item	DWR UC	IP LMA Respo	nsibility	39.1512	57°	39.151257°		
пеш				-122.91490	08°	-122.914908 °		
DWR ID								
Comment Code								

Inspector Comment

FS_ID:27630 DS_ID:21215 EP_NO: 11481

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Soil partially blocking inlet and outlet.

FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93).

This pipe was retained under ABO No. 11481 (1975).

FS Date: 1/22/2014



Concrete headwall and pipe visible at LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

		II.						
LM Start	0.24	Rating **	Α	Issue No.		20		
LM End	0.24	Issue Type +	Ma	Location *		LS		
Earthen Levee			GPS La	atitud	e/Longitude			
Category				Start		End		
Item	Vegetatio		39.1508	847°	39.150847°			
item			-122.916367 °		-122.916367 °			
DWR ID DWR_NA0009_03_s _ 2017_20								
		Comn	nent Cod	le				
V1 : Contr	ol annual g	grass and wee	ds on th	e levee slo	pes a	and		
easements	S.							
		Inspecto	or Comm	nent				
There are native grasses on both slopes.								



View of the native grasses on both slopes.

LM Start	0.49	Rating **	М	Issue No.	9		
LM End	0.49	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS La	titud	le/Longitude	
				Start		End	
Itom	Vegetatio	n		39.15419	95 °	39.154195 °	
Item				-122.91813	34 °	-122.918134°	
DWR ID	D DWR_NA0009_03_s _ 2016_9						
Comment Code							

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment



View of the overgrown trees and vegetation at the landside toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.49	Rating **	М	Issue No.		8			
LM End	0.49	Issue Type +	Ma	Location *		LS			
Earthen Levee			GPS La	atitud	e/Longitude				
Category				Start		End			
Item	n	39.1541	97°	39.154197°					
item				-122.9181	63 °	-122.918163 °			
DWR ID	DWR ID DWR_NA0009_03_f _ 2016_8								
		Comn	nent Cod	le					
V4 : Elderk	perries are	blocking visib	ility and	flood fight	capa	bility.			
			•						
		Inspecto	or Comm	nent					

No Photos

LM Start	0.54	Rating **	М	Issue No.		10		
LM End	0.54	Issue Type +	Ма	Location *	LS			
Catagonia Earthen Levee			GPS La	atitud	e/Longitude			
Category				Start		End		
Trim / Thin Trees				39.1547	06°	39.154706°		
пеш				-122.918622 °		-122.918622 °		
DWR ID	DWR_NA0	009_03_s _ 201	6_10					
		Comn	nent Cod	le				
T1 : Trim t	rees to at l	east five feet	above gi	round level.				
Inspector Comment								

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.54	0.54 Rating ** M		Issue No.		21
LM End	0.54	Issue Type +	Ма	Location *		LS
Catagony	Category Supplemental			GPS La	tituc	le/Longitude
Calegory				Start		End
Item	DWR UCI	P LMA Respo	onsibility	39.15478	36°	39.154786 °
пеш				-122.91870)3 °	-122.918703 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:27863 DS_ID:21217 EP_NO: 11492

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Vegetation at inlet and wooden box failing at LS toe. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends with a wooden retaining wall drop inlet at LS toe (USACE-1961). Originally included in O&M manual (HLM 0.55). This pipe was retained under ABO No. 11492 (1975). USACE O&M DWG No. CC-4-4-29.

FS Date: 1/22/2014

LM Start	0.54	Rating **	М	Issue No.	21 (cont)
LM End	0.54	Issue Type +	Ma	Location *	LS

Photo 1 of 3: UCIP_SP_2017_27863_51542.jpg



Pipe visible at LS toe covered with vegetation.

Photo 2 of 3: UCIP_SP_2017_27863_51541.jpg



Concrete headwall and flapgate visible at WS berm.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.54 Rating ** M		Issue No.		21 (cont)		
LM End	0.54	Issue Type +	Ma	Location *		LS	
Category	Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UCI	P LMA Respo	onsibility	39.15478	86°	39.154786 °	
пеш				-122.91870)3 °	-122.918703 °	
DWR ID							

Comment Code

Inspector Comment

FS_ID:27863 DS_ID:21217 EP_NO: 11492

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Vegetation at inlet and wooden box failing at LS toe. FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends with a wooden retaining wall drop inlet at LS toe (USACE-1961). Originally included in O&M manual (HLM 0.55). This pipe was retained under ABO No. 11492 (1975). USACE O&M DWG No. CC-4-4-29.

FS Date: 1/22/2014



Concrete headwall and flapgate visible at WS berm.

LM Start	0.77	Rating **	М	Issue No.		23
LM End	0.77	Issue Type +	Ма	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
Category			Start		End	
Item	DWR UC	IP LMA Respo	onsibility	39.15775	9°	39.157759°
пеш			-122.92030	1°	-122.920301 °	
DWR ID						·

Inspector Comment

Comment Code

FS_ID:27892 DS_ID:21220 EP_NO: 11492 Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at inlet.

FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 10.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Concrete spillway on waterward slope to bottom of channel. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.79). This pipe was retained under ABO No. 11492 (1975).

FS Date: 1/22/2014

Photo 1 of 3: UCIP_SP_2017_27892_51591.jpg



Concrete headwall visible next to concrete standpipe on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.77 Rating ** M		Issue No.		23 (cont)		
LM End	0.77	Issue Type +	Ма	Location *		LS	
Category	Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UCI	IP LMA Respo	onsibility	39.15775	59°	39.157759°	
пеш			-122.92030)1 °	-122.920301 °		
DWR ID							

Comment Code

Inspector Comment

FS_ID:27892 DS_ID:21220 EP_NO: 11492

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at inlet.

FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 10.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Concrete spillway on waterward slope to bottom of channel. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.79). This pipe was retained under ABO No. 11492 (1975).

FS Date: 1/22/2014

LM Start	0.77	Rating **	М	Issue No.	23 (cont)
LM End	0.77	Issue Type +	Ma	Location *	LS

Photo 2 of 3: UCIP_SP_2017_27892_51590.jpg



Concrete outfall visible off WS berm.

Photo 3 of 3: UCIP_SP_2017_27892_51589.jpg



Concrete headwall visible at LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.84	Rating **	М	Issue No.	14		
LM End	0.89	Issue Type +	Ma	Location *	WS		
Category	evee	GPS La	atitud	le/Longitude			
Category			Start		End		
Item	Trim / Thin Trees			39.158556°		39.159304 °	
item				-122.920674°		-122.920784°	
DWR ID	DWR_NA0009_03_f _ 2016_14						
		Comn	nent Cod	de			
T2 : Thin trees to allow visibility of the ground and room to flood fight.							
Inspector Comment							



View of the waterside vegetation looking upstream.

LM Start	0.92	Rating **	A/W	Issue No.		24	
LM End	0.92	Issue Type +	Ма	Location *		WS	
Category	Suppleme	GPS Latitude/Longitude					
Calegory		Start		End			
Item	DWR UCIP LMA Responsibility			39.159628°		39.159628	0
iteiii		-122.9208	53 °	-122.920853	0		
DWR ID							

Comment Code

Inspector Comment

FS_ID:27893 DS_ID:21247 EP_NO: N/A

Repair Type: No Action Needed

Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: *Abandoned* 36-inch CM drain pipe through the levee, 10.0 feet below the crown. Plugged with concrete. (USACE-1961). This entry matches the Drainage or Irrigation Structure

referenced in O&M manual (HLM 0.90).

FS Date: 1/22/2014

Photo 1 of 3: UCIP_SP_2017_27893_51595.jpg



Plugged pipe visible on WS toe of roadway.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.92	Rating **	A/W	Issue No.		24 (cont)			
LM End	0.92	Issue Type +	Ma	Location *	WS				
Category	ental	GPS Latitude/Longitude							
Calegory				Start		End			
Item	DWR UC	IP LMA Respo	onsibility	39.15962	28°	39.159628°			
пеш				-122.9208	53 °	-122.920853 °			
DWR ID									
Comment Code									

Inspector Comment

FS_ID:27893 DS_ID:21247 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: *Abandoned* 36-inch CM drain pipe through the levee, 10.0 feet below the crown. Plugged with concrete. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.90).

FS Date: 1/22/2014

LM Start	0.92	Rating **	A/W	Issue No.	24 (cont)
LM End	0.92	Issue Type +	Ma	Location *	WS



Roadway marker 52.29 on LS and WS shoulder mark pipe location on crown.

Photo 3 of 3: UCIP_SP_2017_27893_51596.jpg



Concrete headwall and plugged pipe visible onLS toe of roadway.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.93	Rating **	М	Issue No.		25
LM End	0.93	Issue Type +	Issue Type + Ma			WS
Category	Supplemental			GPS La	tituc	le/Longitude
Calegory				Start		End
Item	DWR UCI	P LMA Respo	onsibility	39.15973	36°	39.159736°
пеш			-122.92104	12 °	-122.921042 °	
DWR ID						

Comment Code

Inspector Comment

FS_ID:27894 DS ID:21221 EP_NO: 11488

Repair Type: Non-Urgent Crossing Status: Found

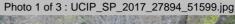
UCIP Comments: Concrete headwall on WS berm is being

undermined. 2-foot of scour under headwall.

FIELD STRUCT DESC: 42-inch CM drainpipe through the levee, 16.5 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.94). This pipe was retained under ABO No. 11488 (1975).

FS Date: 1/22/2014

LM Start	0.93	Rating **	М	Issue No.	25 (cont)
LM End	0.93	Issue Type +	Ma	Location *	WS





Flapgate and headwall off WS toe.

Photo 2 of 3: UCIP_SP_2017_27894_51598.jpg



Concrete headwall on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.93	Rating **	М	Issue No.	o. 25 (cont)			
LM End	0.93	Issue Type +	Ма	Location *		WS		
Category	ental	GPS La	atitud	le/Longitude				
Calegory				Start		End		
Item	DWR UCI	P LMA Respo	onsibility	39.1597	36°	39.159736°		
item				-122.9210	42 °	-122.921042°		
DWR ID								
Comment Code								

Inspector Comment

FS_ID:27894 DS_ID:21221 EP_NO: 11488

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Concrete headwall on WS berm is being

undermined. 2-foot of scour under headwall.

FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 16.5 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.94).

This pipe was retained under ABO No. 11488 (1975).

FS Date: 1/22/2014



Concrete headwall on LS toe.

LM Start	0.99	Rating **	М	Issue No.		27
LM End	0.99	Issue Type +	Ма	Location *		WS
Category	Suppleme	ental	GPS La	atitud	e/Longitude	
Category				Start		End
Item	DWR UC	P LMA Respo	onsibility	39.1601	17°	39.160117°
пеш			-122.9221	44 °	-122.922144°	
DWR ID						·

Inspector Comment

Comment Code

FS_ID:27943 DS_ID:21222 EP_NO: 11488 Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: Some vegetation buildup at inlet and outlet. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 14.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.01). This pipe was retained under ABO No. 11488 (1975).

FS Date: 1/22/2014

Photo 1 of 3: UCIP_SP_2017_27943_51642.jpg



Concrete Headwall on WS berm.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

0.99	Rating **	М	Issue No.		27 (cont)				
0.99	Issue Type +	Ма	Location *		WS				
Category					e/Longitude				
			Start		End				
DWR UCI	P LMA Respo	nsibility	39.1601	17°	39.160117°				
			-122.9221	44 °	-122.922144 °				
DWR ID									
	0.99 Suppleme	0.99 Issue Type + Supplemental	0.99 Issue Type + Ma	0.99 Issue Type + Ma Location * Supplemental GPS La Start DWR UCIP LMA Responsibility 39.1601	0.99 Issue Type + Ma Location * Supplemental GPS Latitud Start				

Comment Code

Inspector Comment

FS_ID:27943 DS ID:21222 EP_NO: 11488

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some vegetation buildup at inlet and outlet. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 14.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.01). This pipe was retained under ABO No. 11488 (1975).

FS Date: 1/22/2014

LM Start	0.99	Rating **	М	Issue No.	27 (cont)
LM End	0.99	Issue Type +	Ma	Location *	WS



Headwall and flapgate on WS berm.

Photo 3 of 3: UCIP_SP_2017_27943_51640.jpg



Pipe location marked on crown by flasher.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.07	Rating **	М	Issue No.		28		
LM End	1.07	Issue Type +	Ма	Location *		WS		
Category			GPS Latitude/Longitude					
Calegory				Start		End		
Item	DWR UC	IP LMA Respo	onsibility	39.159803°		39.159803°		
пеш			-122.9235	01 °	-122.923501 °			
DWR ID	DWR ID							
Comment Code								

Inspector Comment

FS_ID:27944 DS ID:21223 EP_NO: 11489

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sedimentation buildup at inlet and through pipe. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 12.5 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.09). This pipe was retained under ABO No. 11489 (1975).

FS Date: 1/22/2014

LM Start	1.07	Rating **	М	Issue No.	28 (cont)
LM End	1.07	Issue Type +	Ma	Location *	WS



Flasher on crown marks pipe location.

Photo 2 of 3: UCIP_SP_2017_27944_51645.jpg



Flapgate and headwall visible on WS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.07	Rating **	М	Issue No.	No. 28 (co			
LM End	1.07	Issue Type +	Issue Type + Ma			WS		
Category	Supplemental			Supplemental GPS Latitude/Longitu				le/Longitude
Calegory				Start		End		
Itom	DWR UC	IP LMA Respo	onsibility	39.1598	03 °	39.159803 °		
пеш	Item			-122.9235	01 °	-122.923501 °		
DWR ID								
Comment Code								

Inspector Comment

FS_ID:27944 DS ID:21223 EP_NO: 11489

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sedimentation buildup at inlet and through pipe. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 12.5 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.09).

This pipe was retained under ABO No. 11489 (1975).

FS Date: 1/22/2014



Concrete headwall on LS toe.

LM Start	1.23	Rating **	A/W	Issue No.		29
LM End	1.23	Issue Type +	Ма	Location *		WS
Category	Supplemental			GPS Lat	tuc	le/Longitude
Calegory			Start		End	
Item	DWR UCI	IP LMA Respo	onsibility	39.16035	9°	39.160359°
пеш			-122.92618	3°	-122.926188°	
DWR ID						

Comment Code

Inspector Comment

FS_ID:27963 DS_ID:21224 EP_NO: 11489

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments:

FIELD_STRUCT_DESC: 1 of 4: 36-inch CM drainpipe through the levee, 15.2 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.25). This pipe was retained under ABO No. 11489 (1975).

FS Date: 1/22/2014

Photo 1 of 3: UCIP_SP_2017_27963_51662.jpg



Concrete headwall on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.23	Rating **	A/W	Issue No. 29 (cor		29 (cont)			
LM End	1.23	Issue Type +	Ма	Location *	ation * WS				
Category	Supplemental			Supplemental			GPS La	atitud	le/Longitude
Calegory				Start		End			
Item	DWR UCI	P LMA Respo	onsibility	39.1603	59°	39.160359°			
пеш				-122.9261	88 °	-122.926188 °			
DWR ID	DWR ID								
Comment Code									

Inspector Comment

FS_ID:27963 DS ID:21224 EP_NO: 11489

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

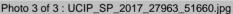
FIELD_STRUCT_DESC: 1 of 4: 36-inch CM drainpipe through the levee, 15.2 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.25). This pipe was retained under ABO No. 11489 (1975).

FS Date: 1/22/2014

LM Start	1.23	Rating **	A/W	Issue No.	29 (cont)
LM End	1.23	Issue Type +	Ma	Location *	WS



Pipe on LS toe.





Flapgate on headwall at WS toe.

NA0009

Flood Control Project Maintenance Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.23	Rating **	A/W	Issue No.		30		
LM End	1.23	Issue Type +	Ма	Location *		WS		
Category	Supplemental			GPS Latitude/Longitude				
Calegory				Start		End		
ltom	DWR UC	IP LMA Respo	onsibility	39.1603	69°	39.160369°		
пеш	ltem			-122.9262	° 80	-122.926208 °		
DWR ID	DWR ID							
Comment Code								

Inspector Comment

FS_ID:27964 DS_ID:21237 EP_NO: 11489

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 2 of 4: 36-inch CM drainpipe through the levee, 15.2 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.25). This pipe was retained under ABO No. 11489 (1975).

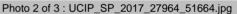
FS Date: 1/22/2014

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Photo 1 of 3: UCIP_SP_2017_27964_51665.jpg

Pipe and headdwall on LS toe.

LM Start 1.23 Rating ** A/W Issue No. 30 (cont) LM End 1.23 Issue Type + Ma Location * WS





Pipe from LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.23	Rating **	A/W	Issue No.		30 (cont)		
LM End	1.23	Issue Type + Ma Location *		Issue Type + N		Location *		WS
Supplemental				GPS Lat	itud	e/Longitude		
Calegory	gory					End		
Item	DWR UC	IP LMA Respo	nsibility	39.16036	9°	39.160369°		
пеш			-122.92620	8°	-122.926208°			
DWR ID								

Inspector Comment

Comment Code

FS_ID:27964 DS_ID:21237 EP_NO: 11489

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 2 of 4: 36-inch CM drainpipe through the levee, 15.2 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.25). This pipe was retained under ABO No. 11489 (1975).

FS Date: 1/22/2014



Flapgate and headwall on WS toe.

	LM Start	1.24	Rating **	A/W	Issue No.				31
	LM End	1.24	Issue Type + Ma		Location *		WS		
Category				GPS Latitude/Longitude					
	Calegory			Start		End			
	Item	DWR UC	IP LMA Respo	onsibility	39.1603	77°	39.160377°		
	пеш				-122.92622	23 °	-122.926223°		
	DWR ID								

Comment Code

Inspector Comment

FS_ID:27965 DS_ID:21238 EP_NO: 11489

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments:

FIELD_STRUCT_DESC: 3 of 4: 36-inch CM drainpipe through the levee, 15.2 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.25). This pipe was retained under ABO No. 11489 (1975). FS Date: 1/22/2014

Photo 1 of 3: UCIP_SP_2017_27965_51668.jpg



Pipe and concrete headwall on LS toe.

* Rating

A: Acceptable

M: Minimally Acceptable

U: Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence En : Enforcement

Page 15 of 18

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.24	Rating **	A/W	Issue No.		31 (cont)		
LM End	1.24	Issue Type +	Ма	Location *		WS		
Supplemental				GPS Latitude/Longitude				
Calegory				Start End				
Item	DWR UC	IP LMA Respo	nsibility	39.1603	77°	39.160377°		
пеш				-122.9262	23 °	-122.926223 °		
DWR ID								
Comment Code								

Inspector Comment

FS_ID:27965 DS_ID:21238 EP_NO: 11489

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 3 of 4: 36-inch CM drainpipe through the levee, 15.2 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.25). This pipe was retained under ABO No. 11489 (1975).

FS Date: 1/22/2014

LM Start	1.24	Rating **	A/W	Issue No.	31 (cont)
LM End	1.24	Issue Type +	Ma	Location *	WS



Pipe from LS toe.

Photo 3 of 3: UCIP_SP_2017_27965_51666.jpg



Flapgate on headwall at WS toe.

NA0009

Flood Control Project Maintenance Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.24	Rating **	A/W	Issue No.	32		
LM End	1.24	Issue Type +	Ма	Location *		WS	
Category				GPS Latitude/Longitude			
Calegory	Start					End	
Item	DWR UCI	P LMA Respo	nsibility	39.1603	86°	39.160386°	
item				-122.9262	39°	-122.926239°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:27967 DS_ID:21239 EP_NO: 11489

LM End

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

1.24

FIELD_STRUCT_DESC: 4 of 4: 36-inch CM drainpipe through the levee, 15.2 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.25). This pipe was retained under ABO No. 11489 (1975). FS Date: 1/22/2014

LM Start 1.24 Rating ** A/W Issue No. 32 (cont)

Ma

Location *

WS

Issue Type +



Pipe and concrete headwall on LS toe.

Photo 2 of 3: UCIP_SP_2017_27967_51670.jpg



Pipe from LS toe.

NA0009

Flood Control Project Maintenance Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.24	Rating **	A/W	Issue No.		32 (cont)	
LM End	1.24	Issue Type +	Ma	Location *		WS	
Supplemental				GPS Latitude/Longitude			
Calegory				Start End			
Item	DWR UC	IP LMA Respo	onsibility	39.1603	86°	39.160386°	
пеш				-122.9262	39°	-122.926239 °	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:27967 DS ID:21239 EP_NO: 11489

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 4 of 4: 36-inch CM drainpipe through the levee, 15.2 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. (USACE-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.25). This pipe was retained under ABO No. 11489 (1975).

FS Date: 1/22/2014



Flapgate on concrete headwall on WS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.14	Rating **	A/W	Issue No.		17		
LM End	0.14	Issue Type +	Ma	Location *		LS		
Supplemental			GPS Latitude/Longitude					
Calegory				Start End				
Item	DWR UC	IP LMA Respo	onsibility	39.1764	22 °	39.176422 °		
пеш				-122.9099	78°	-122.909978 °		
DWR ID								
Comment Code								

Inspector Comment

FS_ID:26947 DS_ID:21236 EP_NO: 11499

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

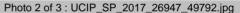
FIELD_STRUCT_DESC: 1 of 2: 42-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in 1961 O+M manual. Retained under ABO No. 11499 (1975).

FS Date: 1/9/2014

LM Start	0.14	Rating **	A/W	Issue No.	17 (cont)
LM End	0.14	Issue Type +	Ma	Location *	LS



Concrete headwall visible on LS toe.





Concrete headwall visible on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.14	Rating **	A/W	Issue No.		17 (cont)
LM End	0.14	Issue Type +	Ma	Location *		LS
Category Supplemental			GPS Latitude/Longitude			
Calegory				Start		End
Item	DWR UC	IP LMA Respo	onsibility	39.1764	22 °	39.176422 °
пеш				-122.9099	78 °	-122.909978 °
DWR ID						
Comment Code						

Inspector Comment

FS_ID:26947 DS ID:21236 EP_NO: 11499

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 1 of 2: 42-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in 1961 O+M

manual. Retained under ABO No. 11499 (1975).

FS Date: 1/9/2014



Concrete headwall visible on WS berm.

Rating ** LM Start 0.14 A/W Issue No. 18 LM End 0.14 Issue Type + Ма Location * LS Supplemental GPS Latitude/Longitude Category Start End DWR UCIP LMA Responsibility 39.176419° 39.176419 ° Item -122.909954° -122.909954 DWR ID

Comment Code

Inspector Comment

FS_ID:26948 DS_ID:21225 EP_NO: 11499

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments:

FIELD_STRUCT_DESC: 2 of 2: 42-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in 1961 O+M manual. This pipe was retained under ABO No. 11499 (1975).

FS Date: 1/9/2014

Photo 1 of 3: UCIP_SP_2017_26948_49797.jpg



Concrete headwall and inlet visible on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.14	Rating **	A/W	Issue No.		18 (cont)	
LM End	0.14	Issue Type +	Ма	Location *	LS		
Catagony	Supplemental			GPS Latitude/Longitude			
Category				Start		End	
Item	DWR UCI	P LMA Respo	nsibility	39.1764	19°	39.176419°	
пеш				-122.9099	54°	-122.909954 °	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:26948 DS_ID:21225 EP_NO: 11499

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

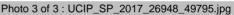
FIELD_STRUCT_DESC: 2 of 2: 42-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in 1961 O+M manual. This pipe was retained under ABO No. 11499 (1975). FS Date: 1/9/2014

 LM Start
 0.14
 Rating **
 A/W
 Issue No.
 18 (cont)

 LM End
 0.14
 Issue Type +
 Ma
 Location *
 LS



Concrete headwall and inlet visible on LS toe.





Concrete headwall visible on toe of WS berm.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.40	Rating **	Α	Issue No.		15
LM End	0.40	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Vegetatio	n		39.1764	00°	39.176400°
Пен				-122.905020 °		-122.905020 °
DWR ID DWR_NA0009_04_s _ 2017_15						
Comment Code						
V1 : Contro easements		grass and wee	ds on th	e levee slo	pes	and
		Inspecto	or Comm	nent		
There are	native gras	sses on both s	slopes.			



View of the native grasses on both slopes.

LM Start	0.74	Rating **	N	Issue No.		14		
LM End	0.74	Issue Type +	Ма	Location *		LS		
Category	Earthen Levee			GPS La	atitud	le/Longitude		
Calegory		Start		Start E		End		
Item	Trim / Thi	n Trees		39.1776	78°	39.177678°		
item				-122.899097 °		-122.899097 °		
DWR ID	DWR_NA0	009_04_f _ 201	6_14					
		Comn	nent Cod	le				
T5 : Tree s	tumps.							
	Inspector Comment							

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.75	Rating **	U	Issue No.		20	
LM End	0.75	Issue Type +	Ma	Location *		LS	
Category			GPS Latitude/Longitude				
Calegory			Start		End		
Item	DWR UC	P LMA Respo	onsibility	39.1776	76°	39.177676°	
пеш				-122.8989	17°	-122.898917 °	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:51472 DS_ID:21227 EP_NO: 11501 Repair Type: Urgent Crossing Status: Found

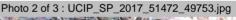
FS Date: 11/30/2016

UCIP Comments: 11/30/2016 Clover Creek has significant sediment build up that blocks the outlet. Crossing is still in use to drain water from LS to WS according to LMA representative, Scott Webb. (O. Magana - DWR UCIP)01/09/2014 Pipe rusted through at connection to flapgate. Good indication pipe may need replacement. Video inspection recommended. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 13.8 feet below the crown. Flap gate is located on the waterside (WS) end. Concrete headwalls located on both the WS and landside (LS) ends. (24-inch pipe was retained under Automatic Board Order (ABO) issued as Permit No. 11501, 1975 - Sisevich). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual Unit 506.2, August 1961, (HLM 0.77)].

LM Start	0.75	Rating **	U	Issue No.	20 (cont)
LM End	0.75	Issue Type +	Ma	Location *	LS



Drainage canal at inlet on LS toe.





Pipe and concrete headwall visible in drainage channel on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.75	Rating **	U	Issue No.		20 (cont)
LM End	0.75	Issue Type +	Ма	Location *	LS	
Category	Suppleme	mental GPS Latitude/Longitu				le/Longitude
Calegory		Start				End
Item	DWR UC	IP LMA Respo	nsibility	39.1776	76°	39.177676°
пеш				-122.8989 ⁻	17°	-122.898917 °
DWR ID						·
		Comn	nent Cod	le		

Inspector Comment

FS_ID:51472 DS ID:21227 EP_NO: 11501 Repair Type: Urgent Crossing Status: Found

UCIP Comments: 11/30/2016 Clover Creek has significant sediment build up that blocks the outlet. Crossing is still in use to drain water from LS to WS according to LMA representative, Scott Webb. (O. Magana -DWR UCIP)01/09/2014 Pipe rusted through at connection to flapgate. Good indication pipe may need replacement. Video inspection recommended. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 13.8 feet below the crown. Flap gate is located on the waterside (WS) end. Concrete headwalls located on both the WS and landside (LS) ends. (24-inch pipe was retained under Automatic Board Order (ABO) issued as Permit No. 11501, 1975 - Sisevich). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento

O&M Manual Unit 506.2, August 1961, (HLM 0.77)]. FS Date: 11/30/2016

Photo 3 of 3: UCIP_SP_2017_51472_49752.jpg



Flapgate at concrete headwall on WS toe.

LM Start	0.93	Rating **	М	Issue No.	5		
LM End	0.93	Issue Type +	Ma	Location *	LS		
Category	Category Earthen Levee			GPS Latitude/Longitude			
Category	Jalegory			Start		End	
Item	Trim / Thi	n Trees		39.1789	53°	39.178953 °	
пеш				-122.8966	29°	-122.896629 °	
DWR ID DWR_NA0009_04_s _ 2016_5							
	Comment Code						

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.05	Rating **	С	Issue No.		2	
LM End	1.08	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		39.1804	79°	39.180857 °	
Item				-122.8965	67°	-122.896165°	
DWR ID	DWR_NA0	009_04_s _ 201	2_2				
		Comn	nent Cod	le			
T1 : Trim t	rees to at	least five feet	above g	round level			
		Inspecto	or Comm	nent			
The trees v	The trees were trimmed up 5 feet for visibility.						

No Photos

LM Start	1.19	Rating **	A/W	Issue No.		21	
LM End	1.19	Issue Type +	Ма	Location *	LS		
Category Supplemental			GPS Latitude/Longitude				
Calegory				Start		End	
Item	DWR UC	IP LMA Respo	onsibility	39.18207	9°	39.182079°	
пеш				-122.89503	3°	-122.895038°	
DWR ID							

Comment Code

Inspector Comment

FS_ID:26924 DS_ID:21228 EP_NO: 11496

Repair Type: No Action Needed

Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 8-Feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in the 1961 O+M manual.

This pipe was retained under ABO No. 11496 (1975).

FS Date: 1/9/2014

Photo 1 of 3: UCIP_SP_2017_26924_49762.jpg



Drainpipe visible at LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.19	Rating **	A/W	Issue No.		21 (cont)	
LM End	1.19	Issue Type +	Ма	Location *	LS		
Category	Suppleme	ental		GPS Latitude/Longitud			
Calegory				Start		End	
Item	DWR UC	IP LMA Respo	nsibility	39.1820	79°	39.182079	0
пеш				-122.8950	38°	-122.895038	0
DWR ID							
		Comn	nent Cod	le			

Inspector Comment

FS_ID:26924 DS_ID:21228 EP_NO: 11496

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

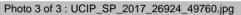
FIELD_STRUCT_DESC: 42-inch CM drainpipe through the levee, 8-Feet below the crown. Flap gate on the waterward end. Concrete headwalls on both ends. Originally included in the 1961 O+M manual. This pipe was retained under ABO No. 11496 (1975).

FS Date: 1/9/2014

LM Start	1.19	Rating **	A/W	Issue No.	21 (cont)
LM End	1.19	Issue Type +	Ma	Location *	LS



Concrete headwall and drainpipe visible at LS toe.





Concrete headwall visible off WS berm.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/04/2017 04/04/2017	Bob Duffey

LM Start	1.33	Rating **	С	Issue No.		8
LM End	1.40	Issue Type +	Ma	Location *		LS
Category	Earthen Levee			GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Trim / Thi	n Trees		39.1837	08°	39.184717°
Item				-122.8934	80°	-122.893418 °
DWR ID	DWR_NA0	009_04_s _ 201	6_8			
		Comn	nent Cod	le		
T1: Trim t	rees to at l	east five feet	above g	round level.		
		Inspecto	or Comm	nent		
Orchard tre	ees were t	rimmed up 5 f	eet for v	isibility.		

No Photos

Rating A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Page 9 of 9

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.30	Rating **	М	Issue No.		3	
LM End	0.30	Issue Type +	Ma	Location *		LS	
Earthen Levee				GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Vegetatio		39.176957°		39.176957°		
пеш			-122.898673 °		-122.898673 °		
DWR ID	DWR_NA0	009_05_s _ 201	2_3				
		Comn	nent Cod	le			
V4 : Elderl	perries are	blocking visit	oility and	flood fight	сара	ability.	
	Inspector Comment						



View of the elderberry along the landside toe.

LM Start	0.31	Rating **	М	Issue No.		14
LM End	0.31	Issue Type +	Ma	Location *		LS
Category	Supplemental			GPS Latitude/Longitude		
Calegory				Start		End
Item	DWR UCI	P LMA Respo	onsibility	39.1770	76°	39.177076°
iteiii				-122.8988	79°	-122.898879 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:26897 DS_ID:21235 EP_NO: 11507 Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: Some sediment buildup at LS toe.

FIELD_STRUCT_DESC: 1 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Slide gate on waterward end. Steel walkway on waterward slope to slide gate. Concrete headwall on both ends. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014

Photo 1 of 3: UCIP_SP_2017_26897_49712.jpg



Slide gate at steel walkway on WS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.31	Rating **	М	Issue No.		14 (cont)	
LM End	0.31	Issue Type +	Ма	Location *		LS	
Category	Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UC	IP LMA Respo	nsibility	39.177076°		39.177076	0
пеш				-122.8988	79°	-122.898879	0
DWR ID							
Comment Code							

Inspector Comment

FS_ID:26897 DS ID:21235 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at LS toe.

FIELD_STRUCT_DESC: 1 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Slide gate on waterward end. Steel walkway on waterward slope to slide gate. Concrete headwall on both ends. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014

LM Start	0.31	Rating **	М	Issue No.	14 (cont)
LM End	0.31	Issue Type +	Ma	Location *	LS



Outlet visible at concrete headwall on LS toe.

Photo 3 of 3: UCIP_SP_2017_26897_49710.jpg



Slide gate at concrete headwall on WS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.31	Rating **	М	Issue No.		15	
LM End	0.31	Issue Type +	Ма	Location *		LS	
Category	Supplemental				GPS Latitude/Longitude		
Calegory				Start		End	
Item	DWR UCI	IP LMA Respo	onsibility	39.1770	74°	39.177074°	
пеш				-122.8989	02 °	-122.898902 °	
DWR ID	WR ID						
Comment Code							

Inspector Comment

FS_ID:26891 DS ID:21234 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup on LS toe.

FIELD_STRUCT_DESC: 2 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Slide gate on waterward end. Steel walkway on waterward slope to slide gate. Concrete headwalls on both ends. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014

LM Start	0.31	Rating **	М	Issue No.	15 (cont)
LM End	0.31	Issue Type +	Ma	Location *	LS

Photo 1 of 3: UCIP_SP_2017_26891_49682.jpg



Slide gate on steel walkway at WS toe.

Photo 2 of 3: UCIP_SP_2017_26891_49681.jpg



Outlet visible at concrete headwall on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.31	Rating **	М	Issue No.		15 (cont)
LM End	0.31	Issue Type +	Ма	Location *		LS
Category	Supplemental			GPS Latitude/Longitude		
Calegory			Start		End	
Item	DWR UC	IP LMA Respo	nsibility	39.17707	4 °	39.177074°
пеш				-122.89890	2 °	-122.898902°
DWR ID						

Comment Code

Inspector Comment

FS_ID:26891 DS_ID:21234 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup on LS toe.

FIELD_STRUCT_DESC: 2 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Slide gate on waterward end. Steel walkway on waterward slope to slide gate. Concrete headwalls on both ends. Originally included in 1961 O+M manual. Structure and pipes

retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014



Slide gate visible at concrete headwall on WS toe.

LM Start	0.32	Rating **	М	Issue No.		Issue No.		Issue No.		Issue No.		16
LM End	0.32	Issue Type +	Ма	Location *		LS						
Category	Supplemental			GPS Latitude/Longitude								
Calegory			Start		End							
Item	DWR UCI	R UCIP LMA Responsibility		39.1770	78°	39.177078°						
iteiii				-122.8989	26°	-122.898926°						
DWR ID												

Comment Code

Inspector Comment

FS_ID:26888 DS_ID:21233 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: 3 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Concrete headwall on both ends. Steel slide gate plate blocks inlet on WS toe. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014

Photo 1 of 3: UCIP_SP_2017_26888_49666.jpg



Steel slide gate visible at concrete headwall on WS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.32	Rating ** M		Issue No.		16 (cont)
LM End	0.32	Issue Type +	Ма	Location *		LS
Category			GPS Latitude/Longitude			
Calegory				Start		End
Item	DWR UCI	P LMA Respo	nsibility	39.17707	3°	39.177078°
item				-122.89892	3°	-122.898926 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:26888 DS ID:21233 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: 3 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Concrete headwall on both ends. Steel slide gate plate blocks inlet on WS toe. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014

LM Start	0.32	Rating **	М	Issue No.	16 (cont)
LM End	0.32	Issue Type +	Ma	Location *	LS

Photo 2 of 3: UCIP_SP_2017_26888_49665.jpg



Outlet visible at concrete headwall on LS toe.

Photo 3 of 3: UCIP_SP_2017_26888_49664.jpg



Steel slide gate visible at concrete headwall on WS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.32	Rating **	М	Issue No.	17				
LM End	0.32	Issue Type +	Ма	Location *	LS				
Category	Supplemental				GPS Latitude/Longitude				
Calegory		Start		End					
Item	DWR UC	IP LMA Respo	nsibility	39.17707	74 °	39.177074°			
пеш				-122.89894	19 °	-122.898949 °			
DWR ID									
Comment Code									

Inspector Comment

FS_ID:26885 DS_ID:21232 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: 4 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Concrete headwall on both ends [Clover Creek Diversion Structure] . Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507

(1975). FS Date: 1/9/2014

LM Start	0.32	Rating **	М	Issue No.	17 (cont)
LM End	0.32	Issue Type +	Ma	Location *	LS



Steel plate slide gate visible at headwall on WS toe.

Photo 2 of 3: UCIP_SP_2017_26885_49633.jpg



Outlet visible at concrete headwall on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.32	Rating **	М	Issue No.		17 (cont)	
LM End	0.32	Issue Type +	Ма	Location *		LS	
Category			GPS Latitude/Longitude				
Calegory	egory			Start		End	
Item	DWR UC	IP LMA Respo	nsibility	39.177074°		39.177074	0
пеш				-122.8989	49°	-122.898949	0
DWR ID							
Comment Code							

Inspector Comment

FS_ID:26885 DS_ID:21232 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: 4 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Concrete headwall on both ends [Clover Creek Diversion Structure]. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507

(1975).

FS Date: 1/9/2014



Steel plate slide gate visible at headwall on WS toe.

LM Start	0.32	Rating **	М	Issue No.		18
LM End	0.32	Issue Type +	Ма	Location *	LS	
Category			GPS Latitude/Longitude			
Category				Start		End
Item	DWR UC	IP LMA Respo	onsibility	39.17707	0°	39.177070°
пеш			-122.89896	7°	-122.898967 °	
DWR ID						·

Comment Code

Inspector Comment

FS_ID:26883 DS_ID:21231 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup on LS toe.

FIELD_STRUCT_DESC: 5 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Concrete headwall on both ends [Clover Creek Diversion Structure]. Steel slide gate blocks inlet on WS toe. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014

Photo 1 of 3: UCIP_SP_2017_26883_49622.jpg



Metal slide gate visible at concrete headwall on WS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.32	Rating **	М	Issue No.		18 (cont)	
LM End	0.32	Issue Type +	Ма	Location *	LS		
Category	Supplemental				GPS Latitude/Longitude		
Calegory				Start		End	
Item	DWR UC	IP LMA Respo	nsibility	39.177070		39.177070°	
пеш				-122.89896	67°	-122.898967 °	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:26883 DS_ID:21231 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup on LS toe.

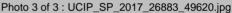
FIELD_STRUCT_DESC: 5 of 6: 36-inch CM irrigation pipe through the levee, 12.0 feet below the crown. Concrete headwall on both ends [Clover Creek Diversion Structure]. Steel slide gate blocks inlet on WS toe. Originally included in 1961 O+M manual. Structure and pipes retained under ABO Permit No. 11507 (1975).

FS Date: 1/9/2014

LM Start	0.32	Rating **	М	Issue No.	18 (cont)
LM End	0.32	Issue Type +	Ma	Location *	LS



Pipe visible at concrete headwall on LS toe.





Metal slide gate visible at concrete headwall on WS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.32	Rating **	М	Issue No.		19		
LM End	0.32	Issue Type +	Ма	Location *	LS			
Category	ental	GPS Latitude/Longitude						
Calegory				Start		End		
Item	DWR UC	IP LMA Respo	39.177066°		39.177066°			
пеш				-122.8989	86 °	-122.898986 °		
DWR ID	DWR ID							
Comment Code								

Inspector Comment

FS_ID:26877 DS_ID:21229 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: 6 of 6: 36-inch CM pipe through the levee, 12.0 feet below the crown [Clover Creek Diversion Structure]. Concrete headwall on both ends. Steel slide gate covers WS inlet. Structure and pipes retained under ABO Permit No. 11507 (1975). Originally included in 1961 O+M manual. FS Date: 1/9/2014

LM Start	0.32	Rating **	М	Issue No.	19 (cont)
LM End	0.32	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_26877_49610.jpg



Steel slide gate visible at headwall on WS toe.

Photo 2 of 3: UCIP_SP_2017_26877_49609.jpg



Concrete headwall on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.32	Rating **	М	Issue No.		19 (cont)	
LM End	0.32	Issue Type +	Ma	Location *	LS		
Category	ental	GPS Latitude/Longitude					
Calegory				Start		End	
Item	DWR UCI	IP LMA Respo	onsibility	39.1770	66 °	39.177066°	
пеш				-122.8989	86 °	-122.898986 °	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:26877 DS_ID:21229 EP_NO: 11507

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: 6 of 6: 36-inch CM pipe through the levee, 12.0 feet below the crown [Clover Creek Diversion Structure]. Concrete headwall on both ends. Steel slide gate covers WS inlet. Structure and pipes retained under ABO Permit No. 11507 (1975). Originally included in 1064 O. M. manual.

in 1961 O+M manual. FS Date: 1/9/2014



Steel slide gate visible at headwall on WS toe.

LM Start	0.68	Rating **	Α	Issue No.		13	
LM End	0.68	Issue Type +	Ma	Location * LS		LS	
Category	evee	GPS Latitude/Longitude					
Calegory			Start		End		
Item	Vegetatio	n		39.1757	15°	39.175715°	
item			-122.905222 °		-122.905222 °		
DWR ID DWR_NA0009_05_s _ 2017_13							

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

There are native grasses on both slopes.

Photo 1 of 1: SP_2017_NA0009_7_13_20170410_00023.jpg



View of the native grasses on both slopes.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/04/2017 04/04/2017	Bob Duffey

LM Start	0.90	Rating **	М	Issue No.		11		
LM End	0.90	Issue Type +	Ма	Location *	WS			
0-4	Earthen L	GPS L	atitud	e/Longitude				
Category		Start		End				
Item	ontrol		39.1757	'79 °	39.175779°			
пеш			-122.909325 °		-122.909325°			
DWR ID DWR_NA0009_05_f _ 2016_11								
		Comn	nent Cod	le				
A1 : Exteri	minate rod	ents and back	fill and c	compact or	grou	t burrows.		
Inspector Comment								



View of the rodent holes along the landside slope.

LM Start	1.02	Rating **	М	Issue No.	4			
LM End	1.02	Issue Type +	Ma	Location *	LS			
Category	evee	GPS Latitude/Longitude						
Category				Start		End		
Item	Trim / Thin Trees			39.175718 °		39.175718°		
item			-122.911618 °		-122.911618 °			
DWR ID DWR_NA0009_05_f _ 2016_4								
	Comment Code							
T2: Thin trees to allow visibility of the ground and room to flood fight.								
Inspector Comment								





Trim/remove trees to allow visibility along landside slope.